

TYPE OF PLAN

VICINITY MAP

GRADING NOTES

1. Grading Shall Be In Accordance With The Engineered Grading Requirements Of The Uniform Building Code, Latest Edition, And/Or Soils Report,  
No. \_\_\_\_\_,  
Dated:  
Prepared By:  
Telephone No.
2. The Soils Engineer And The Engineering Geologist Shall Exercise Sufficient Supervisory Control During Grading To Insure Compliance With The Plans, Specifications, And Code Within Their Purview.
3. The Design Civil Engineer Shall Exercise Sufficient Control During Grading And Construction To Insure Compliance With The Plans, Specifications, And Code Within His Purview.
4. During Rough Grading Operations And Prior To Construction Of Permanent Drainage Structures, Temporary Drainage Control Shall Be Provided To Prevent Ponding Water And Damage To Adjacent Property.
5. After Clearing, Existing Ground Shall Be Scarified To A Minimum Of 6” On The Entire Site Or As Recommended By The Soils Report.
6. The Maximum Cut And Fill Slopes Shall Be 2:1.
7. Pads Shall Be Compacted To A Minimum Of 90% Relative Density Per A.S.T.M. Specifications And The Above Mentioned Soils Report.
8. Minimum Building Pad Drainage Shall Be 2%. Drainage Shall Be A Minimum Of 0.3' Deep and Be Constructed A Minimum Of 2' From The Top Of Cut Or Fill Slopes. The Minimum Slope Of Swales Shall Be 0.50%.
9. All Fills Shall Be Compacted To A Minimum Of Ninety (90) Percent Of Maximum Density As Determined By The Uniform Building Code Or Equivalent As Approved By The City Engineer. Field Density Shall Be Determined In Accordance With The Uniform Building Code, Or Equivalent, As Determined By The City Engineer.
10. All Street Sections Are Tentative. The Minimum Section Is 3” A.C. Over 4” Crushed A.B.. Additional Soil Test(S) Shall Be Required After Rough Grading To Determine Exact Section Requirements. The City Engineer Shall Approve The Final Street Section.
11. The City Engineer Will Review For Approval The Final Street Sections After Submittal Of “R” Value Tests For Roadway Sub-base.
12. Locations Of Field Density Tests Shall Be Determined By The Soil Engineer Or Approved Test Agency And Shall Be Sufficient In Both Horizontal And Vertical Placement To Provide Representative Testing Of All Fill Placed. Testing In Areas Of A Critical Nature Of Special Emphasis Shall Be In Addition To The Normal Representative Samplings.
13. The Final Compaction Report And Approval From The Soils Engineer Shall Contain The Type Of Field Testing Performed. Each Test Shall Be Identified With The Method Of Obtaining The In-Place Density, Whether Sand Cone Or Drive Ring And Shall Be So Noted For Each Test. Sufficient Maximum Density Determination Shall Be Performed To Verify The Accuracy Of The Maximum Density Curves Used By The Field Technician.
14. All Underground Facilities, With Laterals, Shall Be In Place And Inspected Prior To Paving, Including But Not Limited To The Following: Sewer, Water, Electric, Gas And Drainage. The Curb Shall Be “Etched” Showing All Lateral Locations “S” For Sewer, “G” For Gas Etc.
15. The Final Utility Line Backfill Report From The Project Soil Engineer Shall Include An Approval Statement That The Backfill Is Suitable For The Intended Use.
16. Block Walls Permits Are Not Part Of The Grading Permit. Submit For Separate Building Permit(s).
17. The Contractor Is Responsible To Prevent Silt Contamination Of Stormwater Infiltration Facilities During Construction Of Subsequent Improvements by The Contractor. Immediately Prior To Final Acceptance Of Storm Drainage Retention/Infiltration Facilities, The Contractor Shall Conduct, In The Presence Of The City Inspector, A Performance Test Designed To Clearly Demonstrate The Functional Adequacy Of The Facilities.
18. The Contractor Shall Provide Wind Erosion And Dust Control Measures As Required By The Fugitive Dust Control Plan Approved For This Project.
19. All Work Shall Meet Title 24, California Administrative Code Standards For Construction In Seismic Zone 4.
20. Prior To The Installation Of Any Hard Surface Or The Building Pad, The Design Engineer Or Architect Shall Provide The City Public Works Inspector & The City Building Official With A Certified Letter Stating That All Critical Areas Of ADA Accessibility, Pedestrian Path-Of-Travel, Handicapped Parking Areas, Ramps, Runs Or Other Associated Structures As Requested By The Inspector Have Been Formed Per Plan And The Engineer/Architect Certifies These Items Will Meet All Plan And ADA, UBC, CALBO Or Similar Code Requirements For Slope And Clearance.

GENERAL NOTES

1. All Work Shall Be Done In Accordance With The Standard Plans Of The City Of Cathedral City and The Standard Specifications For Engineering Construction, Latest Edition, And The City Of Cathedral City Standard Plans (County Of Riverside Standard Plans Ordinance No. 461), Dated July 2nd 1998, Or Latest Edition And Any City Issued Individual Standards. Traffic Signals & Appurtenances Shall Be Constructed To The State Of California Standard Plans & Specifications, As Well As The Above.
2. City Policy Requires an Engineered Grading Plan to be Approved & Signed by the City Engineer for all Commercial and Residential Sites.
3. It Shall Be The Responsibility Of The Developer/Owner Or Contractor To Apply To The City Of Cathedral City Engineering Department For The Necessary Permits And To Be Responsible For Satisfactory Compliance For All Current Environmental Regulations During The Life Of Construction Activities For This Project. Additional Studies And/Or Permits May Be Required.
4. It Shall Be The Responsibility Of The Developer Or Contractor To Apply To The California Department Of Transportation (Caltrans) For An Encroachment Permit For All Work Performed Within The State Right Of Way.
5. The Contractor Shall Obtain All Permits As Required By The City Of Cathedral City Or Other Governing Agencies Prior To Commencing Any Work.
6. The Contractor Shall Notify The City Engineering Department 48 Hours Prior To Any Grading, Brushing Or Clearing And Each Phase Of Construction At (760) 770-0367 At least 24 Hours Prior To Requesting Inspections.
7. The Locations Of Existing Underground Utilities Are Shown In An Approximate Way Only. The Contractor Shall Determine The Exact Location Of All Existing Utilities Before Commencing Work. He Agrees To Be Fully Responsible For Any And All Damages Which Might Be Occasioned By His Failure To Exactly Locate And Preserve Any And All Utilities. The Contractor Shall Contact Underground Service Alert (DigAlert) at 811 Or At 1-800-227-2600 48 Hours Prior To Making Any Cuts Or Excavation Per California Government Code Section 4216.
8. The Contractor Shall Be Responsible for the Removal, Replacement or Relocation of All Regulatory, Warning and Guide Signs in A manner Consistent with the Traffic Manual and All ADA, and/or appurtenant City Regulations.
9. Street Name Signs And Traffic Control Signs, Type And Location Shall Be Approved By The City Engineer. Traffic Striping, Legends And Pavement Markers, Type And Location Shall Be Approved By The City Engineer.
10. The Contractor Shall Not Disturb Existing Survey Monuments Or Bench Marks Noted On The Plans, Or Found During Construction. Removal And Replacement Shall Be Done By A Registered Civil Engineer With An R.C.E. Number Below 33,966, Or A Licensed Land Surveyor, Only.
11. Construction Operations And Maintenance Of Equipment Within One Half Mile Of Human Occupancy Shall Be Performed Only During The Time Periods As Follows:

October 1st To April 30th:  
Monday – Friday 7:00 Am To 5:30 Pm  
Saturday 8:00 Am To 5:00 Pm  
Sunday No Permissible Hours

May 1st To September 30th:  
Monday – Friday 6:00 Am To 7:00 Pm  
Saturday 8:00 Am To 5:00 Pm  
Sunday No permissible Hours

- Holidays Provided by the California Code No Permissible Hours
12. All Traveled Ways Must Be Cleaned Daily Of All Dirt, Mud And Debris Deposited On Them As A Result Of The Grading Operation. Cleaning Is To Be Done To The Satisfaction Of The City Engineer.
13. All Construction Areas Shall Be Properly Posted And Lighted In Conformance With The State Manual Of Warning Signs, Lights And Devices For Use In The Performance Of Work Upon Highways, In Order To Eliminate Any Hazards.
14. Construction Projects Disturbing More Than One Acre Must Obtain A National Pollutant Discharge Elimination System (NPDES) Permit. Owners/Developers Are Required To File A Notice Of Intent (NOI) With The Water Resources Control Board (SWRCB), Prepare A Storm Water Pollution Prevention Plan (SWPPP) And Monitoring Plan For The Site. The National Pollutant Discharge Elimination System Is A National Program To Control Non-Point Source Pollutants Carried By Storm Water. The Program Is Implemented And Enforced By The State Water Resources Control Board.
15. At No Time Shall Private Property Be Used In Conjunction With The Project Unless Prior Permission From The Property Owner Is Obtained In Writing And Evidence Of Same Is Provided To The City Engineer.

16. Prior To The Installation Of Any Hard Surface Or The Building Pad, The Design Engineer Or Architect Shall Provide The City Public Works Inspector & The City Building Official With A Certified Letter Stating That All Critical Areas Of ADA Accessibility, Pedestrian Path-Of-Travel, Handicapped Parking Areas, Ramps, Runs Or Other Associated Structures As Requested By The Inspector Have Been Formed Per Plan And The Engineer/Architect Certifies These Items Will Meet All Plan And ADA, UBC, CALBO Or Similar Code Requirements For Slope And Clearance.

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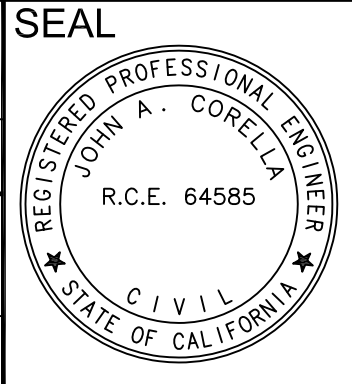
Underground Service Alert

Section 4216/4216.9 of the Government Code requires a DIG ALERT Identification Number be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number Call Underground Service Alert 811 two working days before you dig.

NO.	REVISION	DATE	APPR.

BENCH MARK: _____ ELEV. _____
DESCRIPTION:

APPROVED BY:	
JOHN A. CORELLA P.E. ~ CITY ENGINEER R.C.E. 64585	DATE _____
RECOMMENDED FOR APPROVAL BY:	
_____	DATE _____



PREPARED BY:	
_____	DATE _____

ENGINEERING FIRM LOGO & INFORMATION
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TYPE OF IMPROVEMENTS  TEXT TEXT TEXT TEXT
--

SHEET 1 OF  X SHEETS
F.B.